Attention PC-1500, PC-1500A and PC-2 Owners!

Do you like to program in machine language? Do you have a Sharp PC-1500 or PC-1500A or a Radio Shack PC-2 equipped with a 16K memory module (Sharp CE-161 or equivalent)? If so, then you will want to know about our new powerful and exciting LMD-II (Loader/Monitor/Disassembler) package.

The LMD-II is written entirely in machine language by non-other than Norlin Rober, frequent PCN contributor of feature articles on the subject of machine language programming. It gives you unprecedented capability to develop and maintain programs in machine language on your Sharp or Radio Shack Pocket Computer (models PC-1500, PC-1500A and PC-2).

The LMD-II is a combination of a Loader (capable of assembling labeled machine code into machine-executable code that is easily relocatable), a Monitor (that may be used for examining, altering and controlling the operation of machine language routines), and a Disassembler (that instantly converts machine codes into mnemonics so that instruction sequences in memory may be studied in detail).

Because this package has been crafted entirely in machine code and is designed for operation specifically (and strictly) in models equipped with 16K of extended memory (Sharp CE-161 or Radio Shack equivalent), it provides lots of capability with plenty of room in which to operate. For instance, in a CE-161-equipped PC-1500 or Radio Shack PC-2, almost 8K is available for source code instructions and 6K for assembled machine code -- while the LMD-II package is resident in memory! With a PC-1500A having the requisite memory module, 12 - 13K of memory is made available for source code! This means you can create and maintain relatively sophisticated machine language programs entirely within your PC. There is no need to load in tiny segments or perform numerous complex linking operations as might be the case with other machine language development packages.

Pleasurable operation is a key feature of this professional package. Novice and expert alike will enjoy putting the LMD-II through its paces. All primary capabilities are invoked by the single press of a "softkey" which selects the desired option from a displayed menu. The package automatically

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prompts for the information needed to complete an action once it has been selected from the menu. You will love the natural response of this package.

Everything you need for efficient programming including the following types of operations are provided in the LMD-II package: ability to assemble labeled machine code (source code*) into object code, ability to convert to the hexadecimal equivalent value, capability of displaying and modifying memory contents, ability to select an external ROM bank (so you can work with peripheral devices, if desired), capability of disassembling machine code into mnemonic representations, advanced Monitor capabilities including memory move, fill, search, breakpoint and ASCII display. The LMD-II can be used with or without a printer. (Of course, having a printer means you can maintain hardcopies of your important materials.) And, you can backup source and object files created using the LMD-II package on your own cassettes, provided you have the appropriate tape cassette interface and recording equipment.

(*The Loader portion of the LMD-II package enables a machine language programmer to use labels to identify addresses and to utilize these labels in jumps, branches, calls and certain classes of data instructions. This unique technique greatly simplifies the preparation of address-dependent object code. It is no longer necessary to count the number of bytes between a branch instruction and a transfer address. You just assign a "label" to the transfer point. Program modifications and relocations thus become easy to implement by letting the Loader perform a re-assembly of code whenever desired.)

Order your copy of the LMD-II package now while our limited supply lasts! (Remember: your PC must be equipped with a Sharp CE-161 16K memory module or the Radio Shack equivalent in order to use this package.) Sorry, the LMD-II is not available for other configurations.

HOW TO ORDER THE LMD-II PACKAGE

Send in your order on this coupon. Please include payment.

__ $39.95 for the LMD-II program package when delivered within the United States of America.*
__ $44.95 (U.S. dollars) for the LMD-II program package when shipped to Canada or Mexico.
__ $54.95 (U.S. dollars) for the LMD-II program package when shipped to other regions.
__ Check here if paying by MasterCard or VISA. Please include credit card information below.
* Connecticut residents must add $3.00 State Sales Tax.

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